



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tc
PO039320	ACI001-VC	7	1	Net 30	M2024T3S.040	2024-T3 .040 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209				96	3/21/2018	96	S052051	Stock	3/16/2018	\$ 5.60 / sf	0	\$5		
										Total:	96		96							\$41

Plex 3/16/2018 8:32 AM Dart.Dubois.Pascal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## PURCHASE ORDER PO039320

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** PO039320

**PO Date:** 3/14/18

**Due Date:** 3/21/18

**Purchase Order Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal Phone:  
clavoie@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:** quote no. sou0092083 sou0091947

REVISED

E-MAILED

### Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304B0.625X3.000		304 Bar .625 X 3.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$29.7275/ft	\$356.73
2	D6201P		T Extrusion 4X4X3/8	Firmed	3/21/18	20 ft	0 ft	20 ft	\$23.00/ft	\$460.00
<b>Line Item Note</b> as per dwg d6201 rev. a w/o no 174333										
3	MT-A513-T-0.750W0.085		A513 Seamless Alloy Steel Round Tubing 0.75"dia. x 0.085" Wall	Firmed	3/21/18	40 ft	0 ft	40 ft	\$3.60/ft	\$144.00
4	M304S11GA		304/316 0.125 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	3/21/18	64 sf	0 sf	64 sf	\$12.2298/sf	\$782.71
5	M304S18GA		304/316 .050 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed	3/21/18	128 sf	0 sf	128 sf	\$5.355/sf	\$685.44

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	M2024T3S.032		2024-T3 .032 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209	Firmed	3/21/18	48 sf	0 sf	48 sf	\$4.780625/sf	\$229.47
7	M2024T3S.040		2024-T3 .040 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209	Firmed	3/21/18	96 sf	0 sf	96 sf	\$5.601875/sf	\$537.78
8	MT-4140QT-R1.125		AISI 4140 Quenched & Tempered Steel Round Bar 1.125" Dia. : AISI 4140 Q&T Round Bar : MAT'L: AISI 4130 QUENCHED & TEMPERED ROUND BAR AS PER ASTM 4140 QT OR ASTM 4142 QT	Firmed	3/21/18	20 ft	0 ft	20 ft	\$7.75/ft	\$155.00
9	M1018R0.313		1018-1025 Round Bar .313 : MATERIAL: AISI 1018-1025 ROUND BAR M1010S20GA AS PER MIL-S-7097 OR ASTM A108 receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$0.2141666/ft	\$2.57
10	M6061T6B2.500X01.500		6061-T6 Bar 2.50 X 1.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	24 ft	0 ft	24 ft	\$14.36125/ft	\$344.67
11	M6061T6B1.000X5.000		6061T6 Bar 1.000 X 5.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	24 ft	0 ft	24 ft	\$19.7925/ft	\$475.02

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
12	M6061T6B1.250X03.000		6061T6 Bar 1.250 X 3.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$14.361666/ft	\$172.34
13	M6061T6B1.000X02.000		6061-T6 Bar 1.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	40 ft	0 ft	40 ft	\$7.46275/ft	\$298.51
14	M6061T6B1.000X06.000		6061T6 Bar 1.00 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/21/18	24 ft	0 ft	24 ft	\$19.451666/ft	\$466.84
15	M304R0.375		304 Round Bar 0.375 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	3/21/18	36 ft	0 ft	36 ft	\$1.188/ft	\$42.77
16	M303H0.500		303 Hex Bar .500 : MATERIAL: AISI 303 SS HEX BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Firmed	3/27/18	36 ft	0 ft	36 ft	\$9.817777/ft	\$353.44
17	M303R0.625		303 Round Bar 0.625" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE:304/316 NOT ACCEPTABLE receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$7.92666/ft	\$95.12

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
18	M6061T6R1.125		6061 Round Bar 1.125 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	12 ft	0 ft	12 ft	\$3.453333/ft	\$41.44
19	M6061T6R0.250		6061-T6 Round Bar 0.250" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	20 ft	0 ft	20 ft	\$0.1565/ft	\$3.13
20	M6061T6R1.500		6061-T6 Round Bar 1.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	20 ft	0 ft	20 ft	\$5.521/ft	\$110.42
21	M6061T6R2.000		6061T6 Round Bar 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	3/21/18	20 ft	0 ft	20 ft	\$9.8135/ft	\$196.27

Grand Total: \$5,953.67

## Order Notes



Order Notes
<p>Procurement Quality Clauses</p> <p>A005 right of entry</p> <p>A012 chemical and physical test report</p> <p>A016 personnel qualification</p> <p>A017 raw material identification (as applicable)</p> <p>A026 certification of material conformance</p> <p>A041 quality management system</p> <p>A042 part notification by supplier</p> <p>A043 retention of quality documents</p> <p>A048 counterfeit parts avoidance, detection, mitigation and disposition program</p> <p>A049 supplier awareness</p> <p>Terms &amp; Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit <a href="http://www.dartaerospace.com">www.dartaerospace.com</a> for further explanation.</p>

Plex 3/15/18 11:10 AM dart.lavoie.chantal



## DELIVERY - CLIENT

Copy CO00078747

## ACIER OUELLETTE INC.

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## Customer N°

CLI0001056

2018/03/15

**2018/03/16**

## Your order N°

039320

Josianne Bourdon

## Shipped to

DART AEROSPACE LTD  
1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

PICK-UP

PICKUP

## Salesman

Carrier

Credit Termes

Net 30 Days

## Page

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Att : CHANTAL LAVOIE Tél.: 613-632-5200

## Delivery Route

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## Instruction F-M

Page

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Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	P	I	S
1 ALU SHEET .040 (18G) 2024-T3 4B (4 X 12) FEAI-0404122024B 3118 <i>2 X 4' X 12' heat: 21945/B7</i>	54.05	96.00	PI2-\$CLB	QX	4x12		<i>10</i>	<i>10</i>	MAR 18 2018	DAS <i>11</i> <i>9-89</i>

**Total Weight (lbs) :**

54.05

NIR : R-109516-6

## Conditions :

All sold and delivered materials remain the property of "Acer Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acer Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acer Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per annum (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By : <i>W.H</i>	Verified By : <i>J. Van D</i>
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Delivered By : <i>J. Van D</i>	Time
--------------------------------	------

**Total (\$CAD)**

Customer's Signature

Date

SHIP TO:			
SOLD TO:			

# KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4465899

CUSTOMER PO NUMBER:	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD:	GOV'T CONTRACT NUMBER:
C74254-4			103945/13	
KAISER ORDER NO:		SHIP DATE:	ALLOY:	CLAD:
1236242-4		7-JUN-2017	2024	BARE
WEIGHT SHIPPED:	QUANTITY:	TRUCK B/L #:	GAUGE:	DIAMETER/WIDTH:
2950 LB	106 PCS EST.	2067265	0.0400 IN ( 1.0160 MM)	48.000 IN (1219.2 MM)
				LENGTH: 144.000 IN (3687.6 MM)

MHU 2116170: LOT/219547B7; 106 pieces; D263517

### Certified Specifications

✓ AMS 4037/RevQ  
CMMP 019/RevD

✓ AMS-QQ-A-250/4/RevB  
✓ CMMP 025/RevV

✓ ASTM B 209/Rev14

Test Code: 1504  
Lot: 219547B7 Cast 433

Test Results  
Drop 09 Ingot 1

Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	68.3 : 69.0 (471 : 476)	46.8 : 47.2 (323 : 325)	17.5 : 19.1

(ASTM E1251)

Chemistry:	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.21	4.6	0.57	1.3	0.01	0.11	0.02	0.01	0.01	TOT 0.04

### ALLOY LIMITS

	Si	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder



Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4465899

### CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
  - All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
  - was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
  - has been thermally processed in compliance with AMS 2772, where applicable.
  - is mercury free, within the limits of detection of ASTM E1215 (<1ppm).
  - is in compliance with RoHS 2, European Union Directive 2011/65/EU.
  - is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
  - is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
  - is free of weld repair.
  - meets the reporting requirements of EN10204, Type 3.1.
- Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024T35,040  
 DATE: MAR 16 2018

PO / BATCH NO.: 039320/5052051

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 96 pcz  
 QUANTITY INSPECTED: 96 pcz  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .040  
 THICKNESS RECEIVED: .040  
 SHEET SIZE ORDERED: 4X12  
 SHEET SIZE RECEIVED: 4X12

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<u>Am.S-QQ-A-250/4</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<u>Heat # 219457B7</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY:	<u>DAS</u> <u>11</u>	SIGNED OFF BY:	
DATE:	<u>9-89 MAR 16 2018</u>	DATE:	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET  
SPECIFICATION: QQ-A-250/4 OR AMS-QQ-A-250/4  
OR MIL-A-8037  
OR ASTM B209

△B\ PART NUMBER:

M2024T3S XXX |

THK |

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M2024T3S.063

XXX BY 4FT BY 10FT

PREFERRED SIZE:

RELEASED  
R 2009-03-03

B	REFORMAT DWG. ADD ASIM B209 SPEC (ZN D8-1), PAR	CP	09.07.07
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	HAWKESBURY, ONTARIO, CANADA
DRAWN		DRAWING NO.	REV. B
CHECKED		M2024T3S	SHEET 1 OF
MFG. APPR.		TITLE	SCALE
APPROVED		2024-T3 SHEET SPEC	NIS
DE APR.	09.07.07	COPYRIGHT © 2009 BY DART AEROSPACE LTD. ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE EXCLUSIVE PURPOSE OF MANUFACTURE AND ASSEMBLY OF THE PARTS LISTED ON THE DRAWING. IT IS NOT TO BE COPIED, REPRODUCED, OR USED FOR ANY OTHER PURPOSE. THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS NOT TO BE COPIED, REPRODUCED, OR USED FOR ANY OTHER PURPOSE.	

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